

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033386.D
 Acq On : 15 Dec 2023 18:47
 Operator : SY/MD
 Sample : 05846-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 00:16:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 23:24:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

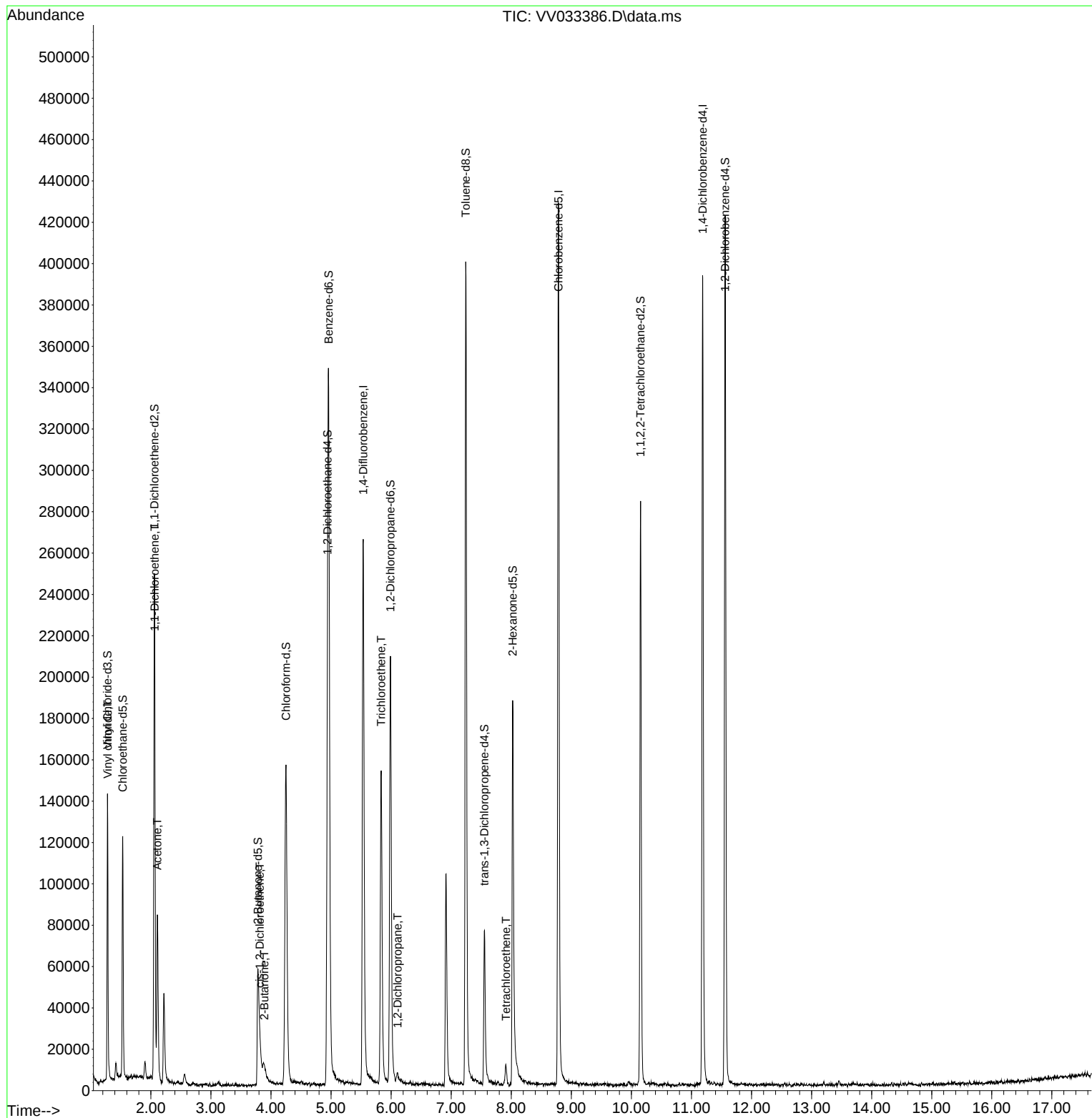
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	228864	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	233432	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	97685	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	83761	47.525	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.060%
7) Chloroethane-d5	1.532	69	75474	47.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.440%
11) 1,1-Dichloroethene-d2	2.060	65	40505	46.168	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.340%
21) 2-Butanone-d5	3.783	46	91419	102.919	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.920%
24) Chloroform-d	4.249	84	162359	46.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.140%
26) 1,2-Dichloroethane-d4	4.941	65	106507	49.731	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.460%
32) Benzene-d6	4.960	84	301807	48.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	5.989	67	93763	49.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.280%
41) Toluene-d8	7.243	98	258436	44.924	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.840%
43) trans-1,3-Dichloroprop...	7.555	79	41778	44.675	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.360%
47) 2-Hexanone-d5	8.024	63	59896	93.326	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.330%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	129331	47.159	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.320%
66) 1,2-Dichlorobenzene-d4	11.561	152	103695	56.489	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.980%
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	3304	1.780	ug/L #	44
12) 1,1-Dichloroethene	2.066	96	2084	1.292	ug/L #	1
13) Acetone	2.108	43	78481	76.116	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	2233	1.292	ug/L	89
22) 2-Butanone	3.889	43	13664	13.451	ug/L	76
34) Trichloroethene	5.834	95	50792	29.756	ug/L	98
37) 1,2-Dichloropropane	6.108	63	1822	1.080	ug/L	99
46) Tetrachloroethene	7.912	164	2140	1.604	ug/L	89

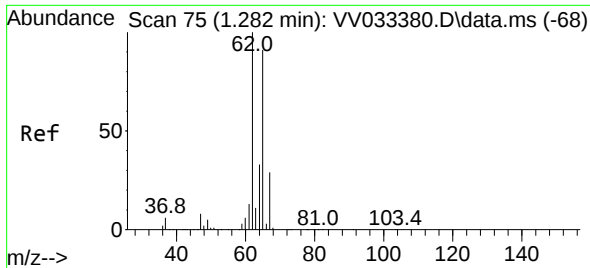
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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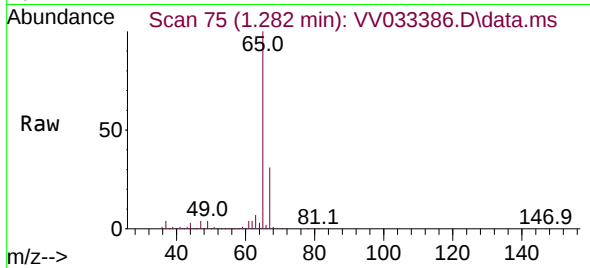


#5
 Vinyl chloride
 Concen: 1.780 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV033386.D
 Acq: 15 Dec 2023 18:47

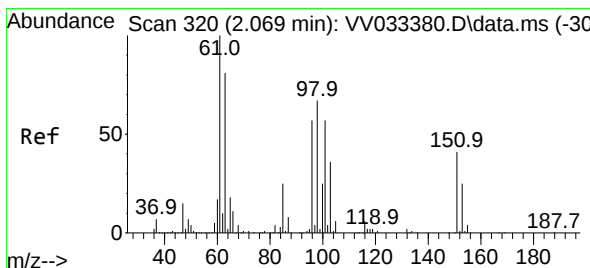
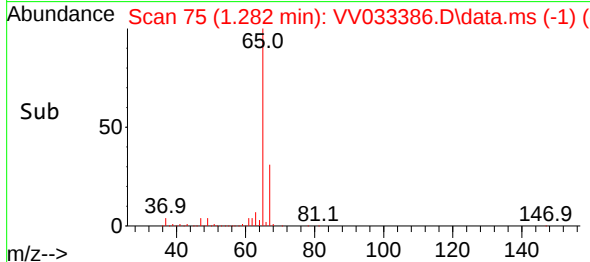
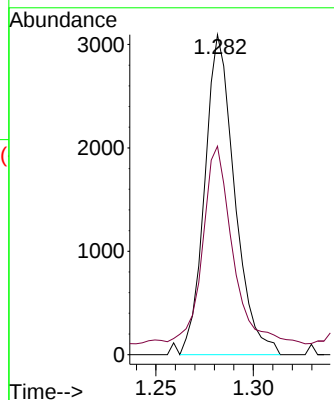
Instrument :

MSVOA_V

ClientSampleId :

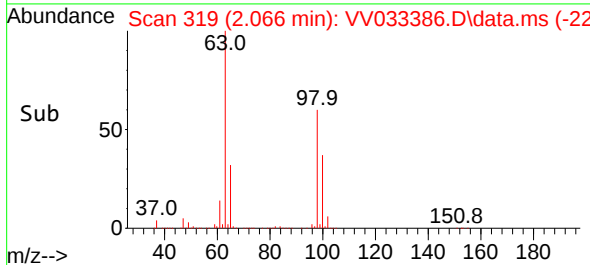
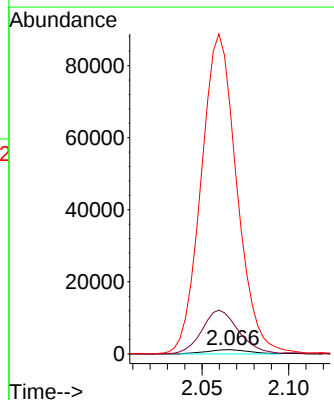
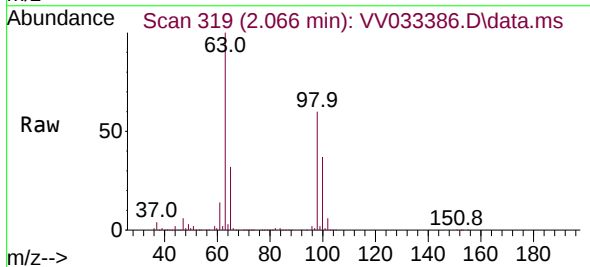


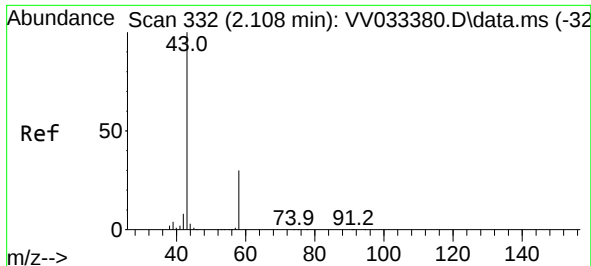
Tgt Ion: 62 Resp: 3304
 Ion Ratio Lower Upper
 62 100
 64 65.2 23.4 43.6#



#12
 1,1-Dichloroethene
 Concen: 1.292 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV033386.D
 Acq: 15 Dec 2023 18:47

Tgt Ion: 96 Resp: 2084
 Ion Ratio Lower Upper
 96 100
 61 823.5 124.3 230.8#
 63 5774.1 108.1 200.7#





#13

Acetone

Concen: 76.116 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033386.D

Acq: 15 Dec 2023 18:47

Instrument :

MSVOA_V

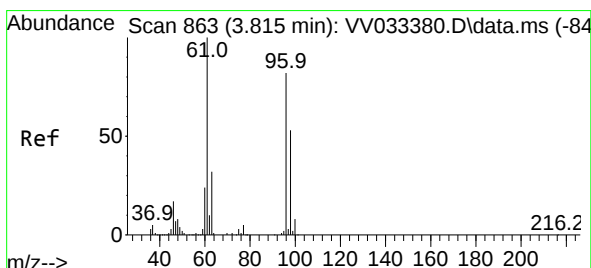
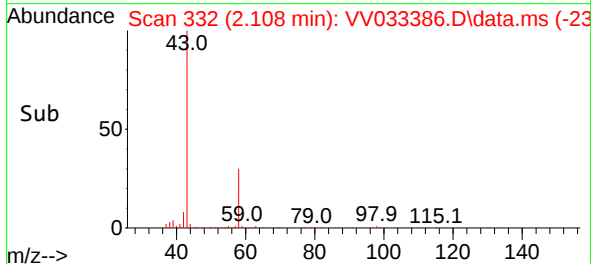
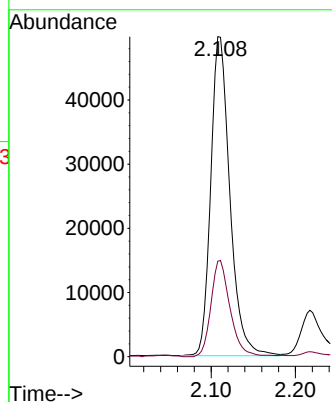
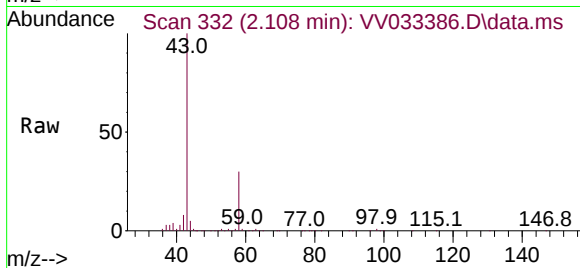
ClientSampleId :

Tgt Ion: 43 Resp: 78481

Ion Ratio Lower Upper

43 100

58 30.0 0.0 59.2



#20

cis-1,2-Dichloroethene

Concen: 1.292 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV033386.D

Acq: 15 Dec 2023 18:47

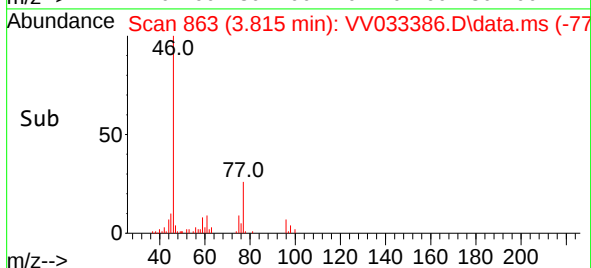
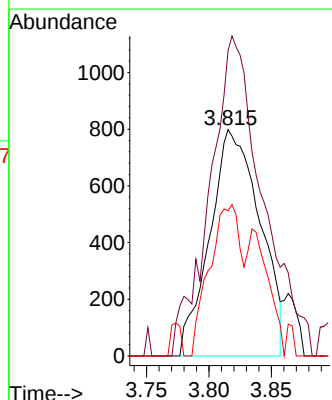
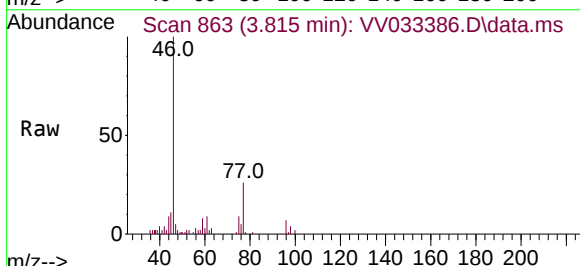
Tgt Ion: 96 Resp: 2233

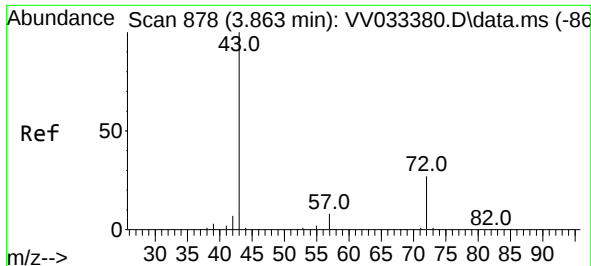
Ion Ratio Lower Upper

96 100

61 134.8 81.9 152.1

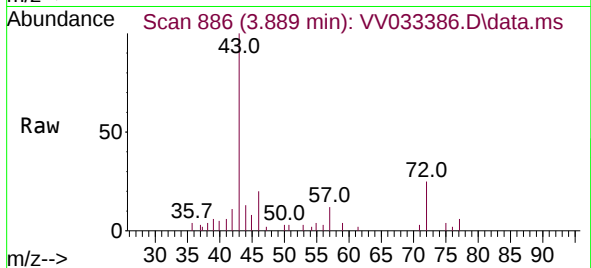
98 64.1 44.3 82.3



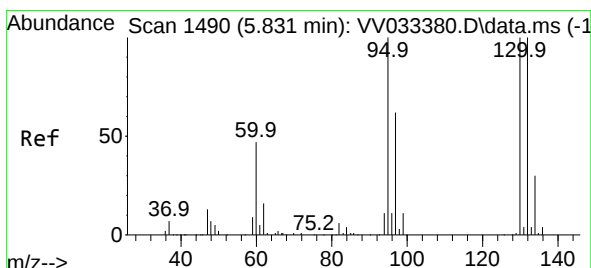
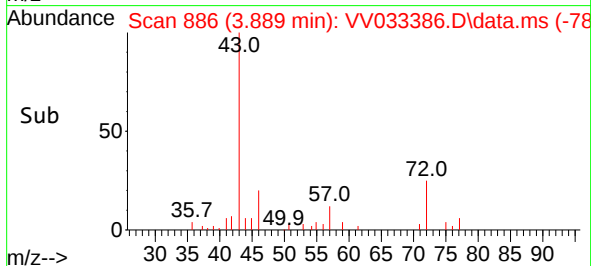
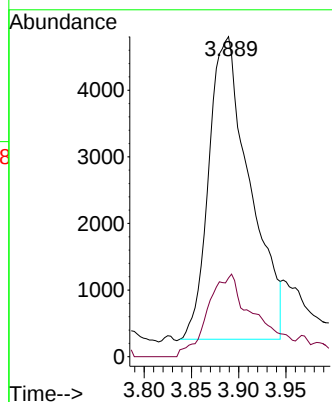


#22
2-Butanone
Concen: 13.451 ug/L
RT: 3.889 min Scan# 81
Delta R.T. 0.026 min
Lab File: VV033386.D
Acq: 15 Dec 2023 18:47

Instrument :
MSVOA_V
ClientSampleId :

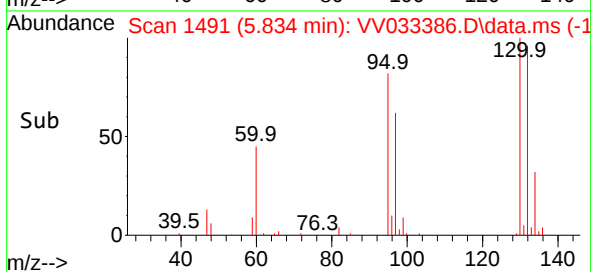
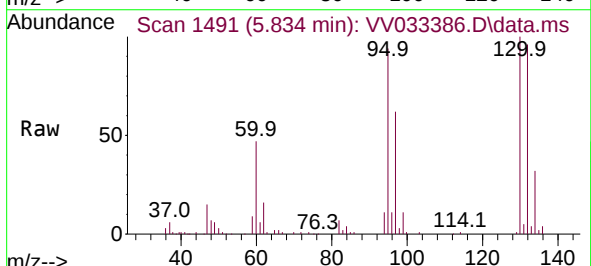
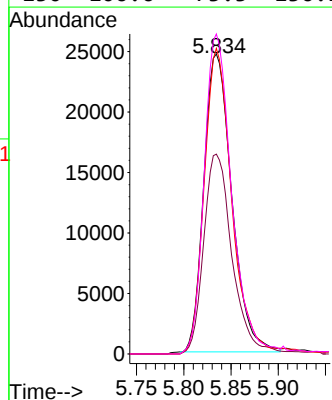


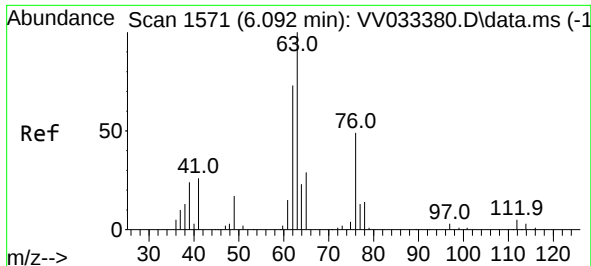
Tgt Ion: 43 Resp: 13664
Ion Ratio Lower Upper
43 100
72 12.7 12.4 37.4



#34
Trichloroethene
Concen: 29.756 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV033386.D
Acq: 15 Dec 2023 18:47

Tgt Ion: 95 Resp: 50792
Ion Ratio Lower Upper
95 100
97 66.6 44.8 83.2
132 101.9 69.9 129.7
130 106.6 73.3 136.1





#37

1,2-Dichloropropane

Concen: 1.080 ug/L

RT: 6.108 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV033386.D

Acq: 15 Dec 2023 18:47

Instrument :

MSVOA_V

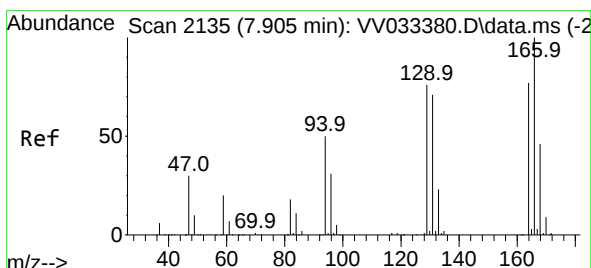
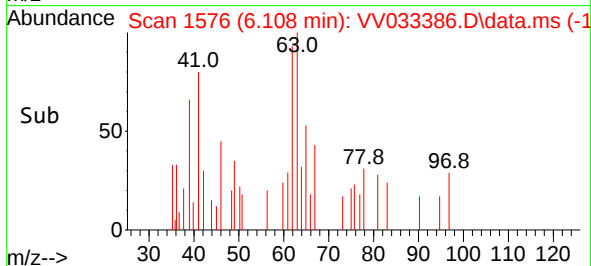
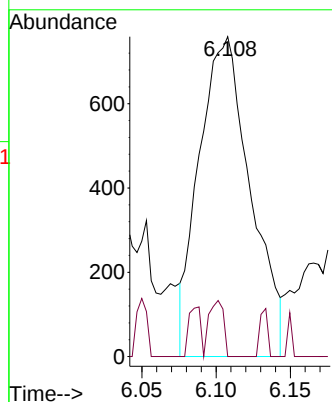
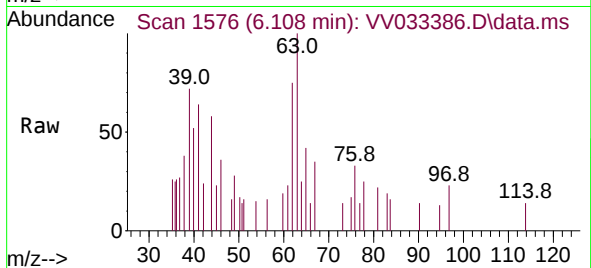
ClientSampleId :

Tgt Ion: 63 Resp: 1822

Ion Ratio Lower Upper

63 100

112 4.9 3.7 5.5



#46

Tetrachloroethene

Concen: 1.604 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV033386.D

Acq: 15 Dec 2023 18:47

Tgt Ion: 164 Resp: 2140

Ion Ratio Lower Upper

164 100

129 81.6 68.9 127.9

131 79.5 65.3 121.3

166 119.8 86.9 161.3

